the Cannon

Wed.,Nov.12,1986 | The University of Toronto Engineering Society | Vol. IX #2

John Howlett

STOP THE GAP!!

On Thursday, Oct. 16, students from York, Ryerson, OCA, Oise and of course, U of T gathered in Convocation hall to voice their loudest concern on the issue of underfunding yet. U of T had a very strong contingent present and Engineers were very visible with their hardhats marking their affiliation. Classes were cancelled from 12:00 noon to 2:00 pm to allow all students to attend the rally.

But why all this fuss over the funding issue in Ontario? Is it really as bad as all this; to warrant closing of all major post-secondary schools in Metro, in order to hold a press conference with all three major political parties represented and over 5,000 people in attendance? The answer is simple and direct - yes it is all that bad. Since 1976, Ontario's Universities and Colleges have witnessed a drop in the percentage of the provincial government's budget being alloted to base funding. This cut has affected all aspects of our education -- academic, extra-curricular, research -- have been forced to cut back.

Ontario is the richest province in Canada. Its budget, which will be set in November for the next fiscal year is over $3 billion. From various income tax increases, the government has $800 M in unalloted funds, enough to solve the underfunding problem six times over. The rally was held to bring the need of more funds to the foreground, and perhaps the politicians will see fit to share the wealth where the need presents itself.

U of T Professor John Polanyi, recent Nobel Laureate in recognition of his research in physical Chemistry, stated that the problem of underfunding in words that everyone in attendance could understand. He said that Ontarians have a good reason to doubt that their province cares whether or not it is a prominent environment for educational excellence. Our system, he said, is suffering from neglect, and if the situation is not soon rectified, the neglect will cause irreparable damage.

The audience at the rally heard from representatives from all the colleges and universities, staff and students, and everywhere the concerns were the same. Barry Hayward, President of Ryerson's Student's council, stated that " The government must provide a future for Ontario, and Canada. We as students accept the challenges that lie ahead of us, and we trust the government to do the same."

The politicians answered in their usual, round-about manner. Increased funding for post- secondary education remains an undecided issue. Greg Sorbara, Minister of Colleges and Universities, stated that he was concerned about the problem. Larry Grossman, leader of the opposition party said that post secondary schools need a 28.6% increase in base funding to bridge the gap. The general concensus is now in.

We as students cannot and will not let the government forget that more funds are needed. The rally was the first tack placed on their seat- they felt our presence. On Wed., Oct 22, over 6,000 'Stop the Gap' post cards were delivered to Greg Sorbara by student representatives before he entered the Queen's Park Legislature -- tack number two (the issue is getting a little more uncomfortable to sit on). We can't afford to end the concern here. All students and students' parents should write to or phone their MPP. If we set down enough tacks, the government will surely no longer be able to sit comfortably on the issue of underfuding.

John Rynn

John Polanyi
Nobel Prize Laureate

the Cannon

Editor
Anne McPhee

Photography
John Howlett
Giles Orr
John Rynn
Brian Broda

Staff
Richard Rowland
Alex Kung
Brian Broda
Angela Ho
Jana Mladenoff
Marie Hattar
Keren Morehead
Debbie Yanchula

Contributors
John Rynn
Kim Hollings
Richard Rowland
Helen Wojinski
Malcolm McGrath
Richard Gelb
Wayne McPhee

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U. of T. Computer Store

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the Cannon is a publication of the University of Toronto Engineering Society. It is published (almost) monthly, to announce Eng Soc events, discuss faculty and university matters, and present current and tech- nical information of interest to engineering undergraduates.

the Cannon encourages submissions; please type or print legibly. Deadline for articles and letters for the next issue is Fri., Nov 14, 1986.

Comments on *the Cannon* or on articles appearing therein are appreciated. The editors will make every effort to publish such material, but reserve the right to edit for brevity. The opinions presented herein are not necessarily those of the Engineering Society.

Subscriptions to *the Cannon* are available if desired. Call Joyce at 978-2917. Anyone interested in helping with *the Cannon* is most welcome - we are located in room B670, Sandford Fleming Building, 10 Kings College Road, Toronto.

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Cuts in Lab Time for First Years

Several changes have been made to the Frosh chemistry laboratory series this fall. In previous years there were twelve tab sessions for CHE112F/113F, during which the students performed ten labs under the supervision of various tab assistants. The lab schedule rarely coincided with the tecture schedule and it was not uncommon for students to watk in unprepared and leave frustrated.

This year in an effort to reduce expenses (were you at the underfunding ratty?) and in anticipation of facility ptans to streamline the course weights of the first year courses, the number of labs has been cut to six. Replacing the six other lab periods are tutorial sessions held on alternate weeks covering the tab preparations. (Currently CHE112f/
CHE113F has a weight eighteen, the faculty is said to be planning to weight all first year courses to twetve.)

The staff responsible for the fall term chemistry tabs, Associate Professor David Barham and George Woodalt have tried to make the best of a bad situation, and they are not unhappy with the outcome.

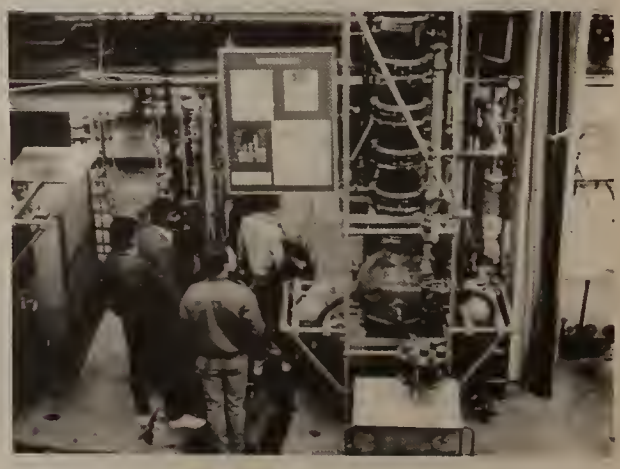
The lab and tecture schedule are now synchronized and the rotating schedule for the for the Lab Assistants has been discarded. A tab group now works with the same assistant through the term. Therefore the students should be better prepared for the practical work, which will reinforce the tecture material. Barham hopes that this will produce a more positive attitude towards the tabs. In previous years student evaluations of the lab have been critical.

George Woodall, who is responsible for the Assistants, sees a number of positive aspects to the changes. To partially compensate for the cutback, he has had first choice of the availahle assistants. From these assistants he is expecting exceptional performance, since each assistant witt work with onty one group they will be in a position to work with the students and identify probtems they are having with the practical work or the written rcports. Atso, for the first time it will be possible to evaluate the performance of the assistants by comparing groups performances on the final examination.

Among the labs cut are the Quatitative Analysis labs that required the students to work individually; and one of the two tabs that required a formal report. David Barham commented that the loss of the Qualitative Analysis tab was not scrious since most students simpty worked through the steps given in the lab manual, without comprehending the theoretical aspects. This lab was also one of the most expensive to run.

To change the old schedule of labs and lectures was possible but the high cost of new equipment had prevented the improvements, according to Professor Barham.

The need to cut costs and decrease the course weight then coincided well, so that everyone has been satisfied. However, the next time budget cuts are needed the effects may not be so positive.
Richard Rowland.



eng soc events

Events

*Fri. Nov. 7th

Toronto vs. Waterloo Hockey
7:30 p.m. Varsity Arena
Free Admission with student card

*Nov 13
New German Cinema at Innis Town Hall, 7:00

*Nov. 13 -15

National Invitational Basketball Tournament
Games each day at 2:00,4:00,6:30,8:30

*Nov. 20th
Slow Motion Massacre by the Straw Dogs: Innis Town Hall 7:00 pm

*Fri, Nov. 21 st

Last Bash:Final Pub ot the Fall With the Rehab Meds at the SAC pub at 8:00

*Sat. Nov. 22nd

Vanier Cup
University Football finals
Game time is 1:00 pm at Varsity Arena

*Fri. Nov. 28th
Eng. Soc. X-Mas Party
Come and meet Santa,
Decorate our Chrismas tree
Drink cheap beer and special Egg Nog
Listen to the Stage Band and sing along to carols.

*Dec 5th

Last Day ot Class - Yay!!

*Dec 8th

Exams Start Ooops!!

*Things to look forward to:

Fri. Jan 9th : Engineering Ski Trip to Craigleith

Jan 12-16 th : Godiva Week

Jan 31 st: Cannonball

The Hart House Choir Performs Mozart's Requium

The Hart House Chorus will perform W.A. Mozart's Requium on Sunday, November 16, 1986, at 3:00 p.m. in the Great Hall ot Hart House at the University of Toronto.

The choir, conducted by John Tuttle, will be accompanied by orchestra. Tickets will be available free of charge at the door, and, for Hart House members, two weeks in advance from the Hart House porter.

Further information can be obtained by calling M.. Randy Papadopoulos at 978-5362. Everyone is welcome to attend.

BEHIND THE SCENES

Well, it's that time again. The copy deadline was two weeks ago and here I am trying to get my article done! This past month we received our tinancial statements. I was very happy to see that over the 17 month period ot March 1, 1985 - July 31, 1986 we were able to cover the $15,000 deticit of the previous year and come out with a positive balance. We changed our year end last year which is the reason tor the 5 extra months included on the statement.

John Rynn presented the 1986-87 budget at the last council meeting. With the tee increase, our budget increased by about $ 7,500, which was allocated to the various clubs, activities and committtees. John has planned tor a surplus so that by the end of this school year, we will be able to make some investments.

I want to take this chance to remind everyone again to make an attempt to keep the buildings clean. The place has looked better over the last week and I don't want to see it deteriorate again. Please put all your garbage and newspapers into garbage cans.

There were lots ot engineers at the underfunding rally, Oct 16 at Con Hall. We have collected over 800 'Stop the Gap' post cards to date. That's a territic show ot support! The rest ot the campus only collected about 2,500.

Many people have asked what will happen in the wake of the rally. We obviously can't expect underfunding to stop overnight, but the pressure is on and we hope to see some relief in the November budget.

U ot T Day and Engineering Opoen House took place Oct. 18. It was a really successful day all across campus. Our Open House had more than twice the attendance it did last year. I'd like to thank all the volunteers who got involved with their department and helped out. The Engineering - Rehab Meds tloat was lots ot fun too - thanks to Steve and his Blue & Gold committee.

COPOUT has started to get moving on some ot the issues which are ot common concern to the various colleges and taculties. The main concern right now is Campus Beverage Services. We are looking at the operations trom all angles - tinancial, the service they provide, and management. COPOUT has also been asked tor input to SAC's long range planning. Other ideas that we've discussed are extending library hours and COPOUT's role on campus.

Giovanni Sy, a 3rd. year Industrial student will be organizing Engineering's tood bank drive. He will be coordinating with SAC's Daily Bread tood drives which occur once per month. It you are interested in helping him with the campaign, drop a note in my mailbox with your name and phone number.

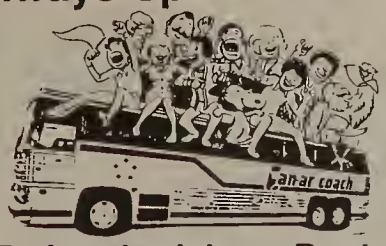
You should be receiving a Governing Council Election ballot in the mail soon. I urge all to take the time to vote. Remember to save yourselt a stamp by popping it in the campus mail box outside Simcoe Hall.

In the month ahead, you should watch tor the Las t Bash Betore the Crash pub, Nov 21 and the Annual Christmas Party. We've changed things around a bit this year tor the party. Maareeeah Athanasoulas has lots planned. Be there - Suds, November 28.

Ot course my closing comment is as usual -- GET INVOLVED! Dean Heinke in his address to the Faculty Council on Oct. 16, stated that it is becoming increasingly important for students to do more than go to lectures. So play a sport, join a committee, help with the Cannon (right Anne?!) or The Toike Oike or even work a pub! Remember if your are unsure ot what's happening, stop by my office during lunch.

K. Hollings

Travelways Spirit Challenge



Ft. Lauderdale or Bust

SPIRIT STANDINGS

Forestry/Nursing	886 pts.
U.C. Lit.	884
Erindale	858.5
St. Michaels	740.8
Pharmacy	714.8
New College	646.2
Victoria	601
Engineering	433
Phys. Ed.	344
Trinity/St.Hilda's	229

Be A Part Of It!

graffiti

Telethon - 86

What a way to spend a n evening! Start with tree pizza and beer, listen to a stand up comedian tor 20 minutes and then make a tew telephone calls - finish up by 9:00 pm and win $100. That's what happened to Adrian Coombs, 3rd Civil, when she participated in our recent Varsity Fund Telethon. We have to add that while Adrian was telephoning she raised $2,240 for Engineering - no small effort!

During the last couple of weeks, 143 Engineering students raised $52,092 tor the Faculty in specified pledges and considerably more trom alumni at the time of the telephone call. The best of news, however, is that this group enlisted 477 new donors to Engineering - 20% of the target for the whole of U ot T in 1986.

We congratulate the Industrial Club and Adrian Coombs for being the top club and caller, respectively. The Engineeering Alumni Association prizes will be awareded to them, $200 to the club and $100 to Adrian.

Hearty thanks are due to all who came out over the eight evenings, and everyone at U of T Engineering should be gratetul tor the efforts of these 143 undergraduates since all our students will benefit from the additional 50+ K ! Talk about going the second mile !

Malcom McGrath

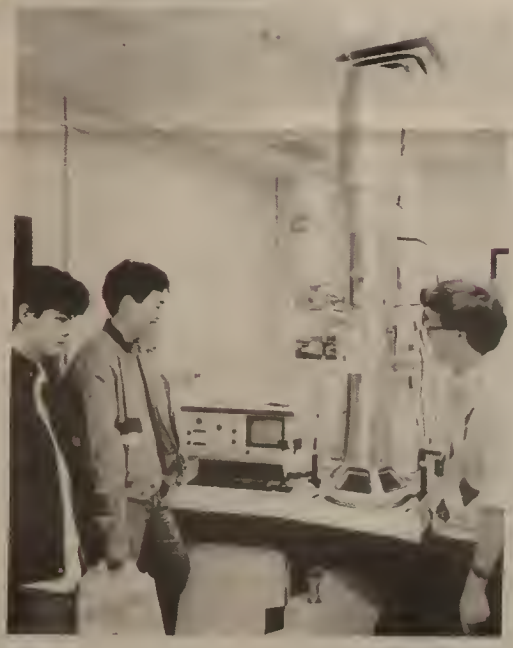
Top Caller/Club	Amount Raised $
Adrian Coombs/Civil	2,240
MarloMartins/Eng.Sci.	1,640
Suzanne Rochford/Ind.	1,350
Gordon O'Neill/MMS	1,000
Keith Thomas/Mech	810
Deborah Yanchula/Chem	625
Mark Dederichs/Geo	525
Bruno Jesus/Elec	435

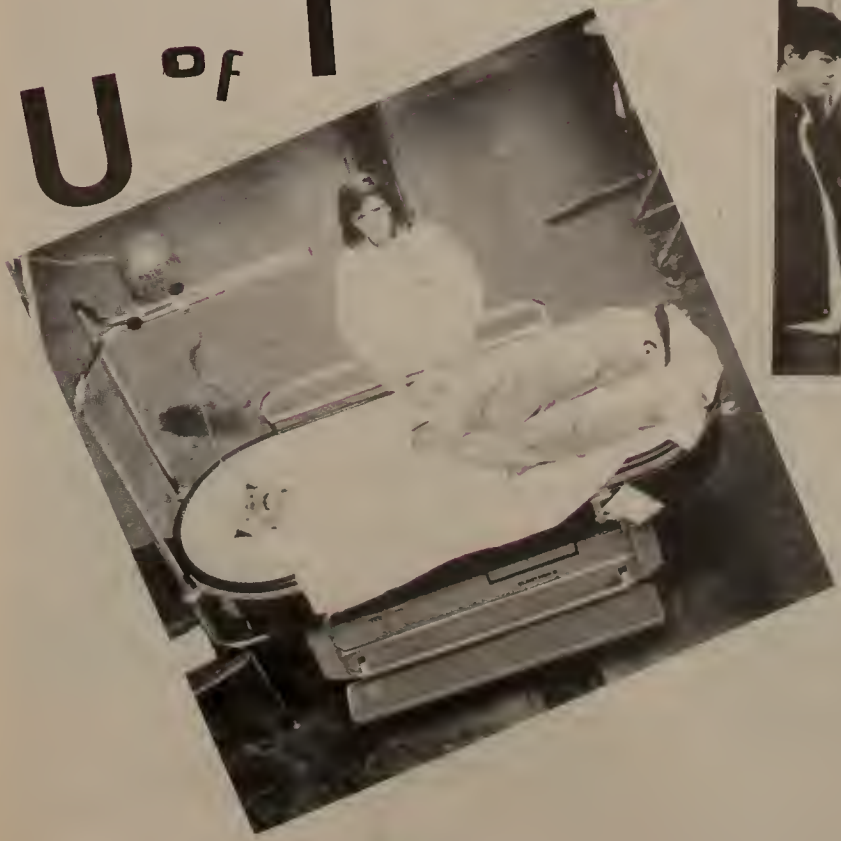
For those of you who like statistics, the following table :

Club	No. Callers	No. new donors	Amount Pledged $
Industrial	23	99	10,803
Civil	15	68	9,158
Eng.Sci.	22	79	7,906
MMS	21	74	7,104
Electrical	21	57	5,740
Geo-eng	15	46	4,190
Mechanical	6	23	3,635
Chemical	20	31	3.520

HOMECOMING

U of T DAY





editorials

The topic of this editorial may not seem lofty or one that requires much thought. But this space is here to allow me to complain about what reallly bugs me. Kinda like that guy on Sixty Minutes.

And do you now what really bugs me?? Garbage.

This is a compaint I think we'll be hearing a lot of, since the situation is really quite appalling and not getting much better. The cafeteria and its environs are strewn with refuse all the time and , I , for one , am disgusted. What I can't believe is that the students in our faculty are supposed to be some ot the brightest minds in the country. We might have the tuture president of ESSO or IBM in our ranks and yet the task of throwing away garbage after eating lunch seems quite impossible.

And what is the solution to such a problem? The faculty has put up little stickers on the garbage cans saying "Pitch In", but the vast majority don't seem to understand the function of such a receptacle and so these reminders are widely ignored. I think that those of us that are "grossed out", if I may use such a colloquialism, should become more vocal. It you you see someone leaving coffee cups, banana peels and various and sundry other used utensils on the table , don't be shy to assert your rights . Go up to them and say "Hey buddy I! don't want to see this mess." I feel that is only through a shift in the public 's awarenessof this problem can it be alleviated.

So I say to all of you tidy types out there - Stand up for your rights and tight!

Richard Gelb at SAC

As I have always stated, the SAC that does the least for you is the best SAC you are ever going to get and this year's SAC seems to be a rather good one. The resason for this years inactivity is that the SAC duo-cracy is knee-deep in "THE NEW PROFFESIONALISM" (also known as the Liberal conspiracy). For those of you who have better things to do than wade through the reams of revelant articles in the Varsity and the newspaper, the "new professionalism" means that your SAC leadership types have sworn , under the penalty of emasculation, to wear suits and red ties at all times. It is telt that student representatives who have worn the same suit all summer and winter will provide more effective leadership. The red ties, rather than representing an obeisance to Karl Marx, symbolizes the unending loyalty ot our leaders at SAC to Chairman Dave and all of his Liberal amogos across the mighty Queen's Park Circle. There are probaby more liberals at SAC than there are 15-cs in a class of Electricals.

Actually, SAC has been doing some good work this term. In case you haven't noticed the free U ot Timer (available at finer EngSocs everywhere) are more than usetul and contain witty quips tor each and every day of the year. Sometime in November the SAC Directory will be coming out and will provide you with the phone numbers ot your classmates. The External Commission organized a tood drive to gather food tor Metro's hungry, and, thanks to your generosity the event was very succestul. Last week, SAC helped implement the Blood Donor Clinic at MedSci, hopefully everyone gave a pint ot the red stutt. On U of T Day, SAC Engineering types Keren Morehead and Elaine McDonald (along with their taithful sidekick Dan McKinnon) ran a barbeque in which an until recently living calf was served to passers-by at a cost ranging trom two dollars to tree (for those of you who can't understand this, ask around). As per usual every Saturday evening there are tree tilms shown in the MedSci auditorium at 7 p.m. (coming up soon, the Blues Brothers, The Colour Purple and Scarface). On the more serious side , SAC has been lobbying Simcoe Hall and Queen's Park on behalf of student interests.

On October 16th, the University of Toronto was host to an Underfunding Rally at Convocation Hall which managed to draw a crowd of 4 000. While it did take five post-secondary educational institutions to achieve this lofty attendance figure the importance of the event should not be underestimated. Were it not for the voluntary donation ot one hundred dollars per year by Engineering students Canada's premier engineering school would be making do with implements hitherto only tound in museums of technology. Having recently encountered a tutorial with only five people, I can testify to its superiority over a class of eighty in which some talking head spouts appropriate phrases trom the solution manual. Overcrowding in classrooms, obsolete equipement and the lack of tutorial assistants is no laughing matter. Having chosen to attend this Faculty we have an investment in its good name which is sadly being diminished through underfunding. At this time I would like to suggest a method to make Queen's Park aware of our concern. Available at the Engineering Scoiety office is a small postcard addressed to the government protesting the current funding situation. All you have do is till in your name and Skule and it will be delivered to Queen's Park. Also, if you are so inclined, give your M.P.P. a call (its not very difficult , just call information). Very rarely do Canadians bother to contact their elected officials and when they do these officials are so suprised that they otten investigate the matter. Your M.P.P's staff keeps a log ot incoming calls/cards and the issues they pertain to, as tew as ten enquiries indicate that a fire is simmering out there in voterland. Since you pay their salary (and possess the right to vote) they should be more than willing to listen to you.

letters

Ed:

I wish to introduce myself, and ask for your support in the current Governing Council by-election.

Governing Council is the supreme governing body of the University and makes decisions regarding matters such as academic programmes and allocation ot resources - the professional taculties are entitled to two representaives, but the two representatives may not be trom the same taculty. I hope to join Mike Bilaniuk (Engineering) in representing all of the professional taculties at U. ot T.

I am a second year law student (I couldn't get into Engineering), and did my undergraduate degeree at U. of T. As a reporter for "the newspaper" I have written about the university tor tour years. I have covered the students, the politicians, the adminisration. The familiar with how the university works.

Recently, I was nominated by SAC and was co-opted into the academic attairs committee, a sub-committee ot Governing Council.

U. of T. must have as its priority academic excellence and a positive U. ot T. experience tor its students. I am committed to maintaining and improving our library system, and to the renewal of our teaching staff and faculties.

Engineering has always had a strong voice at U. ot T. because it votes at election time and participates in the life of the University. I hope that when your Governing Council ballot arrives in the mail , you will tind the time to till it out and return it. I would like your support and hope to represent you on Governing Council.

Sincerely
Soraya Farha

sports

Once again the midterm season is upon us and now that you are thoroughly exhausted from your last minute cramming, the following report on how our engineering teams are rating this season may cheer you up.

Let's start with the good news. Though Paul Hamel almost smashed his face in the process, the Mech 8T7 team triumphed in the touch football tournament. Other team members who contributed (perhaps in a less violent manner) to the win were John Ceko (that is, Sir John Ceko), Paul Hamel, Glenn Keenan, Geoff Mitchell, Anne McPhee, Neal Weir, and last but not least Scott Arnold and his wife. Special thanks to Jim Redford and all the others who helped referee and organize the tournament (satisfied, Glenn?)

Another team which is suffering from injuries (though they haven't had any in the previous two years) is the Lacrosse team. The regular season is over and their record was 5-1 placing them league champions. Way to go!! According to Commissioner, Joe Paradi, the team looks very strong. Almost half the team is composed of new players and possesses alot of spirit and intensity. The "hustlers" (?) on the team should be highly commended.

Other teams that are showing promise are the men's football team, the men's soccer team and the rugby team,.

As tradition dictates, the men's football team, as of mid-October had a zero and two record (according to the commissioner Bill Dinan, the traditional end-of-season score is zero and five). However, these first two games were played against tthe toughest teams in the league. With three more games in the regular season, the team has a good chance of breaking the old record.

The men's soccer team is also holding their own. As of mid-October, with the season almost finished, their record stood at two and three. According to the commissioner Ali Motashami, some of the teams ditfuculties stemmed from questionable refree calls. At any rate, the team is working hard at placing in the playoffs.

Another team battling through to the playoffs is the Rugby team. Due to a rash of season ending injuries, the team had to default one ot their games. Their record, as of mid-October, stood at 2-2-1, which still looks promising.

And now on to the tennis tournament. Though the Engineering Team didn't win, special credit should go to the players who gave it thier best shot. The tournament was set up in a round-robin format, so some ot our players won their matches, even though, overall our team wasn't as successful.

Enough of the men's teams, now let's talk about the women's teams (can we talk?). As for the women's hockey team, the preseason has only just begun. The team has been practising, but could still use more players (for more info. look on the EAA door). This season looks very promising for us.

The women's football team also put up a goood fight. Their record at the end of season was 2-3-1, but they unfortunately did not make the playoffs.

Unfortunately, the standings tor the women's soccer team are unknown at this time, though I understand they are doing quite well. In the next edition of the Cannon, I will donate Paul Hamel's body to science (because no one else wants it) -oops sorry- I meant to say an entire section to the women's soccer team and their tinal standings.

That wraps it up tor this article. Stay tuned for the next edition where I will write about whether or not my prophecies on the teams outcomes are fulfilled. In the meantime, get out and join a team or cheer one on, and most importantly, have fun!!

EMPLOYMENT

Have you heard the one about Bill, the fourth year engineering student who was convinced that the Career Centre's On-Campus Recruitment Programme was (gasp!) a waste of his time? He felt that without high marks, relevant work experience and numerous extra-curricular activities he didn't stand a chance of landing interviews, especially when competing against the high achievers in his class. Furthermore, he just didn't have the time-- his workload was already too demanding and he certainly didn't want to add to it.

Bill, by not participating and allowing himself to be so negative about his own chances, effectively cut off an important option. Instead of dwelling on what he didn't have, he should have been concentrating on what did have that would be of interest to an employer. That's why participating in the On-Campus Recruitment Programme is worthwhile. It forces you to take a good look at yourself and assess your needs and abilities. So while Bill's "high achieving" classmates were spending their summers working for IBM and General Motors, he too was acquiring employable skills that shouldn't be overlooked. For the past three summers Bill had been working at a small grocery store in his neighbourhood. He had proven to be a responsible, reliable and hard working employee. In tact, until he started working there, his boss never considered taking a Saturday ott. His interpersonal and communication skills were also developed as he had to serve customers, deal with suppliers and delivery people.

Even though Bill is not active in any campus associations, sports or student groups, he has been managing a minor league hockey team. So once again, his sought-after skills come into play. As a manager/coach he was required to attend each practice and game, prepare schedules, set a good example for the team, make quick decisions, and maintain morale amongst the players. Bill's organizational and leadership skills through his involvement have been fine-tuned and are ready to be applied in a work setting.

If only Bill took the time to prepare his UCPA application form and apply to the companies advertising for engineers, he would probably be surprised to discover that he could obtain an employment interview. There are several employers out there who believe that a university graduate is a good investment overall.

Participating in the On-Campus Recruitment Programme is a vital tirst step in job searching; you discover what skills you have to offer an employer, how to translate a UCPA torm into a resume, how to polish your presentation skills and gain valuable interview experience.

So now that Bill and you are aware ot the long-term benefits ot the On-Campus Recruitment Programme, isn't it time to visit the Career Centre and register with the Programme? Just think of how much further ahead you'll be in your job search if you begin participating now instead of in May.

Unclassified

SWM, tall,dark and handsome seeks young, nubile blond SWF to punch numbers with. Experience preferred. Apply at the E.A.A. President's box.

With Amstel Beer,
you're into
something
good.
AMSTEL
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